

L 24718-66 EWT(m)/T DJ/NE

ACC NR: AP6009548

SOURCE CODE: UR/0413/66/000/005/0081/0081

INVENTOR: Tseruashvili, G. Ye.; Supatashvili, M. Sh.; Chokheli, G. D.

ORG: none

TITLE: Method for determining the atomization property of water solutions and their deposition weight of an area unit. Class 42, No. 179507

SOURCE: Izobreteniya, promyshlennyye obraztsey, tovarnyye znaki, no. 5, 1966, 81

TOPIC TAGS: atomization, diesel fuel, deposition weight

ABSTRACT: An Author Certificate has been issued for a method of determining the atomization property of water solutions and their deposition weight on an area unit, with the aid of a drop-collecting oily medium. To increase the determination accuracy, a two-phase medium is used, such as motor oil or diesel fuel in which the spherical drops being studied, are situated in a single plane at the boundary of these media and are not subject to evaporation and spreading. [NT]

SUB CODE: 20, 11/

SUBM DATE: 04Mar65/

Card 1/1

UDC: 632.982.532.69

S. PALASHVILI, Sh. M.

S. Palashvili, Sh. M. - "Materials on a study of the long-horned oak beetle (*Cerambyx cerdo scutellatus* Motsch.) and measures of combatting it under the prevailing conditions of the Abkhazet national reservation forest," Trudy In-ta Zashchity rasteniy (Akad. nauk Gruz. SSR), Vol. V, 1953, p. 263-65, (In Georgian, resume in Russian)

SO: U-4024, 20 Oct 53, (Letopis 'Zhurnal 'nykh Statey, No. 16, 1949).

USSR/General and Specialized Zoology - Insects.

F.

Abs Jour : Ref Zhur - Biol., No 8, 1958, 35324

Author : Supatashvili, Sh.M.

Inst : Institute for Plant Protection, Academy of Sciences
Georgian SSR.

Title : The Results of the Study of Injurious Insects on the
Chestnut Tree in Western Georgia.

Orig Pub : Tr. In-ta zashchity rast. AN GruzSSR, 1956, 11, 171-188.

Abstract : Forty four species of pestiferous insects were found on
the chestnut tree, two species of the grasshopper, one-of
the cricket; four species of aphids, five -coccide;
four-of the weevil, tow -of the brown-tail moth, two-of
the May beetles, twelve-of the long-horned beetle, four
species-of the bark beetle, seven-of lepidoptera, one-of
the saw flies, especially damaging were the chestnut

Card 1/2

SUPATASHVILI S. A.

USSR / General and Specialized Zoology. Insects.

P

Abs Jour: Ref Zhur-Biol., No 2, 1958, 6809.

Author : ~~Supatashvili~~.

Inst : Institute of Pests Control, AS GSSR.

Title : A Contribution to the Study of Injurious Insects
Attacking the Forest Species of Mtatushetiya.

Orig Pub: Tr. In-ta zashchity rast. AN Gruz SSR, 1956,
11, 285-292.

Abstract: In the forestry of Mtatushetiya in Georgia, the following species of injurious pests were found: 13 species for the pine, 3 for the birch tree, 3 for the aspen, 1 for the wild apple tree. Of these, Blastophagus piniperda L. and Blastophagus minor Hart. are of economic importance for forestry. -- A. P. Adrianov.

Card 1/1

25

SUPATASHVILI, Sh.M.

Studying the bark beetle *Dendroctonus micans* Kugel. in Georgia.
Soob. AN Gruz. SSR 19 no.5:611-612 N '57. (MIRA 11:6)

1. Institut zashchity rasteniy Ministerstva sel'skogo khozyaystva
GruzSSR, Tbilisi. Predstavleno akademikom L.A. Kanchaveli.
(Georgia--Bark beetles)

SUPATASHVILI, Sh.M.; KHARAZISHVILI, K.V.

Study of gallflies (Hymenoptera, Cynipidae) in the oak forests
of Georgia. Soob. AN Gruz. SSR 35 no.3:675-680 S '64. (MIRA 17:11)

1. Gruzinskiy institut zashchity rasteniy, Tbilisi. Predstavleno
chlenom-korrespondentom AN GruzSSR.

SHVETSKAYA, Sh.M.; KHEZASHVILI, A.I.; MEUSKHE, B.V.

Materials on the application of chemical preparations against
Spondoptoma nigrans Kugel. Soob. AN Gruz. SSR 36 no.1:169-173
Q. 1964. (MIRA 18:3)

1. Institut raschchity rasteniy, Tbilisi. Submitted April 16, 1964.

SUPATASHVILI, Sh.M.; KUYENASHVILI, A.L.; MERUSIDZE, B.V.

The spruce bark beetle *Dendroctonus micans* in Georgia and its control. Biol. Glav. bot. sada no.56:68-72 '64.

(MIRA 18:5)

1. Institut zashchity rasteniy Ministerstva sel'skogo khozyaystva Gruzinskoy SSR, Tbilisi.

NAME: CHEN, H. H., I.R., MUMSIEP, P.V., MUMASHAVLIA, A.L.

Materials on the study of the physical characteristics of the
magnetic field in Georgia. Part. AN Acad. Sci. 34 no. 7:
1961, 100-105. (MIRA 1819)

1. Chen-H. H. and others. Physical characteristics of the
magnetic field in Georgia. (for
reference only).

SUPATAYEVA, N.B.

Block of the crus of the bundle of His in hypertension and
atherosclerosis. Sov.zdrav.Kir. no.1:3-8 Ja-Fe '63.

(MIRA 16:3)

1. Iz Instituta terapii AMN SSSR (dir. - deystvitel'nyy chlen
AMN SSSR prof. A.L. Myasnikov).
(HYPERTENSION) (CORONARY VESSELS--DISEASES)

RUMANIA / Cosmochemistry. Geochemistry. Hydrochemistry. D.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 797.

Author : Supefceanu, C.

Inst : Not given.

Title : The Mineralographic Study on the Mineralization of
Copper in Deva-Transylvania.

Orig Pub: Rev. minelor., 1958, 9, No 3, 112-125.

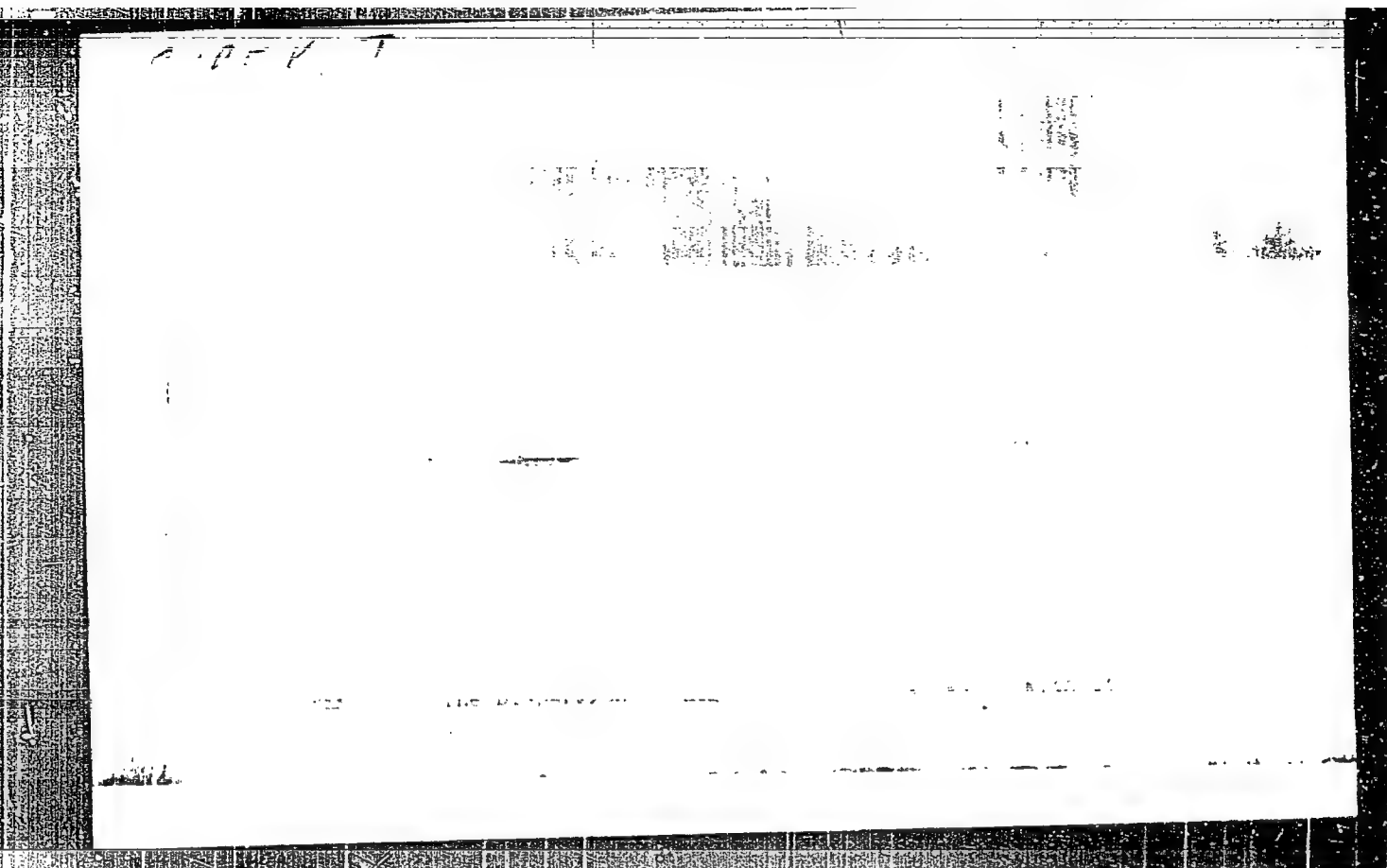
Abstract: The mineralization of the stockwork type is coordinated with the andesite mountain range (Transcarpathian neovolcanic region). Based on the data of mineralographic investigations, three phases of the mineralization have been outlined and the fundamentals of the para-genesis were established. The major minerals are - quartz, borite, chalcopryrite, molybdenite, hematite, calcite, kaolin; the minor ones - gold, enargite, chalcocine, digenite, halen-

Card 1/2

11

"APPROVED FOR RELEASE: 08/26/2000

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APPROVED FOR RELEASE: 08/26/2000

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ČUFER, Ivan

Korespondencija klasične i kvantne elektrodinamike. Zagreb, Jugoslavenska akademija znanosti i umjetnosti, 1953. 43-48 p. (Correspondence of classic and quantum electrodynamics. bibl.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Incl.

SUPEK, I

TECHNOLOGY

SUPEK, I. Ruder Boskovic, founder of the new atomism; 200th anniversary of the book Teorije prirodne filozofije (Theory of Natural Philosophy).
p. 3

Vol. 5, no. 6, 1958

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3
March 1959 Unclass

Vol. 3, no. 1/2, 1955

Underground water in southern Slovakia. p. 32.

Vol. 3, no. 1/2, 1955
VECHESLOVANSKY OROKIN
Bratislava, Czechoslovakia

Source: East European Accession List. Library of Congress
Vol. 5, No. 2, August 1956

PROCEDURES AND PROPERTIES INDEX	
104	Pharmacological and chemical investigation of barberry Berberis vulgaris. L. Supik and D. Tomid. <i>Lydsk</i> <i>skis Voprosk</i> 66, No. 1-2, 1966. The purpose of the research was to examine the chem. and pharmacol. properties of the domestic drug of <i>Berberis vulgaris</i> and to compare it with that of the foreign drug of <i>Hydrastis canadensis</i> (golden- seal). Chemically it was found that the active principle of barberry - berberine - was contained in the rootbark (0.1%) and to a lesser degree in the wood of the root (0.1%). The amt. of berberine present was detd. gravi- metrically by means of picric acid. No traces of tannin could be revealed. For pharmacol. studies, a 0.5% decoction of <i>Ber. rad. berberidis</i> with a sp. gravity 1.0171 contg. 0.18% berberine was used. Both drugs act on the isolated guinea pig uterus qualitatively in the same way. Quantitatively barberry is more effective due to its higher content of berberine. Since the drug hydrastis acts on the isolated uterus also after removal of hydrastine, S. and T. conclude that berberine is one of the most active principles of the drug hydrastis in its action on the isolated guinea pig uterus. E. J. Frelih
ASAC 11A METALLOGICAL LITERATURE CLASSIFICATION	
104	104

and similar compounds.
Inst. Farmakol.
in French, 11 pp.).

The fluorescence of adrenaline and similar compounds. Zlato Supak. *Ismuradna Istanja Inst. Farmakol. i Toksikol. Zagreb* 3, 13 pp. (1946) (also in French, 11 pp.). The fluorescence of a soln. of adrenaline (I) varies linearly with the concn. Exhibits max. fluorescence in 1.8 M NaOH. In solns. of NaOH stronger than 2.5 M the values were unreliable. The fluorescence reached a max. intensity most rapidly in 0.4 M NaOH. For the detn. of I, concns. of NaOH less than 0.6 M are recommended. The fluorescence of I is due to dision followed by oxidation. The dision const. for the ionization of the second H of I is established as $K = 3.01 \times 10^{-10}$, the H-ion concn. of solns. showing max. fluorescence. The formula $\phi = (\phi_1 \times \phi_2)/1/[\text{NaOH}] + \phi_2$, where ϕ = observed fluorescence, ϕ_1 = max. fluorescence, $\phi_2 = K_1/K_{\text{NaOH}}$ and $\phi_1 = 1/[\text{NaOH}]$ at $\phi = \phi_2$ gives values for ϕ in good agreement with expl. data. The fluorescence of I reaches a max. intensity in 30 sec. and disappears in 15 min. Ascorbic acid diminishes the fluorescence of I, inhibiting it completely in concn. of ascorbic acid of $1.2 \times 10^{-3} M$. This effect is due to the reducing properties of ascorbic acid. In concn. of less than $1.2 \times 10^{-3} M$, ascorbic acid increases the fluorescence of I, owing to its ability to act as a transmitter of H ions. Mary O. Anslar

May 12, April

ASD-118 METALLURGICAL LITERATURE CLASSIFICATION

3

CA

Fluorescence of adrenaline and analogs. I. Influence of pH on the fluorescence of adrenaline; dissociation constant of adrenaline. *Zlatko Supich* (Inst. Farmakol. Toksikol. Zagreb, Yugoslavia). *Immunologia Indole* Inst. Farmakol. i Toksikol. Zagreb 3, 38 61(1968) French summary) — Adrenaline is determined fluorometrically, use being made of the 366-m μ line of a Hg-vapor quartz lamp, and a Se photo cell. Max. fluorescence occurs in 1.8 M NaOH soln. The disocn. const. is calcd. to be 5.01×10^{-10} . Fluorescence of adrenaline is related to an autoxidation; and is inhibited by ascorbic acid. Wm. M. McCord

Effect of berberine on the uterus in test animals. Z. Sipek (Inst. Pharmacol. and Toxicol., Zagreb). *Far- maceutički List* (Zagreb), 9, No. 6, 12-14 (1944). Berberine from golden seal (*Hydrastis canadensis*) or barberry (*Berberis vulgaris*), in 0.1 or 1% soln. as sulfate or phosphate, has a pronounced stimulant effect on isolated guinea pig or cat uterus. Its action is similar to, and somewhat stronger than, that of hyoscine. J. P. S.

Suppek, Z.

✓ Influence of ferrous ions on 5-hydroxytryptamine action.
S. Milković, Z. Suppek, and J. Taborsky (Univ. Zagreb,
Yugoslavia). *Naunyn-Schmiedeberg's Arch. expil. Pathol.
Pharmacol.* 227, 221-3(1955). —The increase or decrease of
blood pressure caused by 5-hydroxytryptamine in anesthe-
tized dogs and rabbits is markedly attenuated by prolonged
infusion of ferrous salts. The Fe^{++} abolishes the vasocon-
striction by 5-hydroxytryptamine in the perfused rabbit
ear. There is no such antagonism in the action on the iso-
lated rat uterus or colon. A. E. Meyer

AD

29

Naunyn-Schmiedeberg's Archiv fuer experimentelle Pathologie und Pharmakologie.

50. x, 2.

Med ✓ 4591. Ferrous ions and the actions of 5-oxytryptamine. S. Milković,
Supak and J. Taborsky *Arch. exp. Path. Pharmacol.*, 1955, 227,
231-233 (Dept. of Pharmacol., Zagreb Univ., Yugoslavia).--In
dogs and rabbits anaesthetized with urethane or chloralose, and in
isolated perfused rabbit ears, but not in the isolated rat uterus or
colon, FeSO₄ antagonizes the vascular effects of 5-oxytryptamine.
(German) P. Mesritz.

3

*Archiv fuer experimentelle Pathologie
und Pharmacologie*

5248. Quantitative biological determination of 5-hydroxytrypt-
amina. Z. Supcok and S. Milković *Experientia, Basel*, 1958, 12,
71-72 (Dept. of Pharmacol., Med. Faculty, Univ. of Zagreb, *Yugoslavia*). *pub*

2

SUPK, Z.

Met ✓ Quantitative biological determination of 5-hydroxytryptamine. Z. Supk and S. Milković (Univ. Zagreb, Yugoslavia). *Experientia* 12, 71-2(1956)(in English).—Rat uterus and rat colon preps. were compared for assay purposes. The latter was found to be the more advantageous. D. S. Farmer

2

Super Z.

W.D.
Action of 5-hydroxytryptamine and lysergic acid diethylamide on the
hypophysealadrenocortical system. S. Milkovic and Z. Supek. Naunyn-
Schmiedeberg's Arch. exptl. Pathol. Pharmacol. 228, 145 (1956). --Serotonin
in high doses of 0.3 mg./100 g. rat causes eosinopenia. This effect is
not prevented by lysergic acid diethylamide, which otherwise inhibits
many of the effects of serotonin. A. E. Meyer

2
4

RM

(clipped abstract)

YUGOSLAVIA/Pharmacology - Toxicology - Tranquillizers.

V

Abs Jour : Ref Zhur Biol., No 4, 1959, 18525

Author : Supek, Zlatko; Uroic-Zahradnik, Bozena

Inst : -

Title : The Influence of Reserpin on the Vascular System of Rabbits.

Orig Pub : Acta pharmac. jugosl., 1958, 8, No 2, 83-86

Abstract : No abstract.

Card 1/1

SUPEK, Zlatko (Zagreb); UROIC, Bozena (Zagreb)

Vascular reactivity after haemorrhage. Biol glas 13 no.4:387-388
'60.

1. Zavod za farmakologiju Medicinskog fakulteta u Zagrebu.

(HAEMORRHAGE)

SUPEK, Z.
~~SURNAME~~ (in caps); Given Names

Country: Yugoslavia

Academic Degrees: not given

Affiliation: not given

Source: Zagreb, Pharmaceutski Glasnik, No 4-5, April-May 1961, p. 131.

Data: Book Review: "A Short Review of Pharmacodynamics" by Guillaume Valette.

SUPSK, Z.
SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: not given

Address: not given

Source: Zagreb, Farmaceutski glasnik, No 7-8, July-August 1961, pp 282-283.

Data: Book Reviews: "Adrenergic Mechanisms," Symposium, J. R. Vane,
G. E. W. Wolstenholme, and O'Connor eds. (British).

RANDIC, M.; SUPEK, Z.

Excretion of 5-hydroxyindolactone acid in the urine of normal and adrenalectomized rats after irradiation. Bul sc Youg 7 no.1/2:13 F-Ap '62.

1. Institut "R. Boskovic," Zagreb.

*

SUPEK, Z.; RANDIC, M.; LOVASEN, Z.

Radioprotective action of some indolealkylamines. Bul sc
Young 7 no.1/2:19 F-Apr '62.

1. Institut "Rudjer Boskovic," Zagreb.

KOZIELSKI, Henryk, inż.; SKRETNY, Slavomir, inż.; SUPEL, Jan, inż.; CEBULA, Pawel, inż.; GAJEWSKI, Kazimierz, techn.; PROCHASKA, Augustyn, techn.; GORNIK, Alojzy, techn.

Works rewarded and distinguished at the 5th National Contest of Rationalizers in the field of electric power economy. Increased capacity of piston compressors through raised suction pressure by means of blowers. Energetyka przem 10 no.2:64-66 '62.

L 11407-63 EPR/EPF(c)/EWP(q)/ S/032/63/029/005/021/022
 EWT(m)/BDS ASD/AFFTC Ps-4/Pr-4 WH/K

AUTHORS: Supelov, S. V., Dorzhiev, M. N. and Plechev, V. N. 67

TITLE: Dilatometer for study of thermal expansion of graphite 5

PERIODICAL: Zavodskaya laboratoriya, v. 29, no. 5, 1963, 624-625

TEXT: A device has been designed which measures the length of a test piece 150 mm long and 18 mm in diameter at 100° intervals during heating from 100 to 1000°C. The accuracy is within ± 0.001 mm. While oxidation is possible at 600°, graphite was heated to 1000° without use of an inert atmosphere. An incomplete hermetic seal with graphite plugs is sufficient to permit measuring a given test piece three times. Tests indicated that this device can be used to determine the thermal coefficient of linear expansion and the coefficient of anisotropy in investigating the material of graphite electrodes at temperatures up to 1000°C. There are two figures.

ASSOCIATION: Chelyabinskiy pedagogicheskiy institut and Chelyabinskiy
 1m/20 elektrometallurgicheskiy kombinat (Chelyabinsk Pedagogical
 Card 1/1 Institute and Chelyabinsk Electrometallurgical Combine)

MOLODENKOV, M.F., dotsent; SUPER, M.A.; KATSMAN, M.D.

Clinical use of andaxin with promedol in emergency surgery.
Khirurgiya no.11:111-114 '61. (MIRA 14:12)

1. Iz kliniki obshchey khirurgii (zav. - prof. V.A. Ivanov)
II Moskovskogo gosudarstvennogo meditsinskogo instituta imeni
N.I. Pirogova i 4-y Gorodskoy klinicheskoy bol'nitsy (glavnyy
vrach F.G. Papko) Moskvy.
(MEROBAMATE) (PROMEDOL) (SURGERY)

IVANOV, V. A., prof.; SUPER, N. A.

Surgery for acute cholecystitis. Khirurgia 37 no.7:3-9 J1 '61.
(MIRA 15:4)

1. Iz kliniki obshchey khirurgii (zav. - prof. V. A. Ivanov)
lechebnogo fakul'teta II Moskovskogo gosudarstvennogo medi-
tsinskogo instituta im. N. I. Pirogova i 4-y Gorodskoy klini-
cheskoy bol'nitsy (glavnyy vrach G. F. Papko)

(GALL BLADDER—SURGERY)

SUPER, N.A.; BERDNIKOV, V.A.

Differential diagnosis of a closed craniocerebral trauma.
Khirurgiia 39 no.5:80-82 My '63. (MIRA 17:1)

1. Iz kliniki obshchey khirurgii lechebnogo fakul'teta
(zav. - prof. V.A. Ivanov) II Moskovskogo gosudarstvennogo
meditsinskogo instituta imeni N.I. Pirogova i 4-y Gorodskoy
klinicheskoy bol'nitsy (glavnyy vrach - kand. med. nauk
G.F. Papko) Moskvu.

SUPERANSKAYA, A. V. (Moscow)

"Personal Names in Machine Translation,"

Theses - Conference on Machine Translations, 15 - 21 May 1958, Moscow.

SUPERANSEAYA, A.V.

Against simplification in toponymy. Vop. geog. no.58:151-154 '62.
(MIRA 15:9)

(Cities and towns) (Names, Geographical)

SUPERANSKAYA, A.V.

Work report of the Toponymic Commission from March 1959 to
December 1961. Vop. geog. no.58:171-176 '62. (MIRA 15:9)

1. Uchenyy sekretar' toponimicheskoy komissii pri Otdelenii
istorii geograficheskikh znaniy i istoricheskoy geografii Moskovskgo
filiala Geograficheskogo obshchestva SSSR.
(Names, Geographical—Congresses)

1. 1. 1.

"Influence of Transfers Received on the Execution of the Plan of Global Production with Prices Remaining Unchanged.", p. 24, (GOSPODARSTWO MOWIA, Vol. 7, No. 1, Jan. 1955, Warszawa, Poland)

20: Monthly List of East European Accessions, (TEIL), LII, Vol. 4, No. 5, May 1955, Incl.

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SUPERAT, R.

APPROVED FOR RELEASE: 08/26/2000

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Суресенна, С.

SUPERS AW, C.

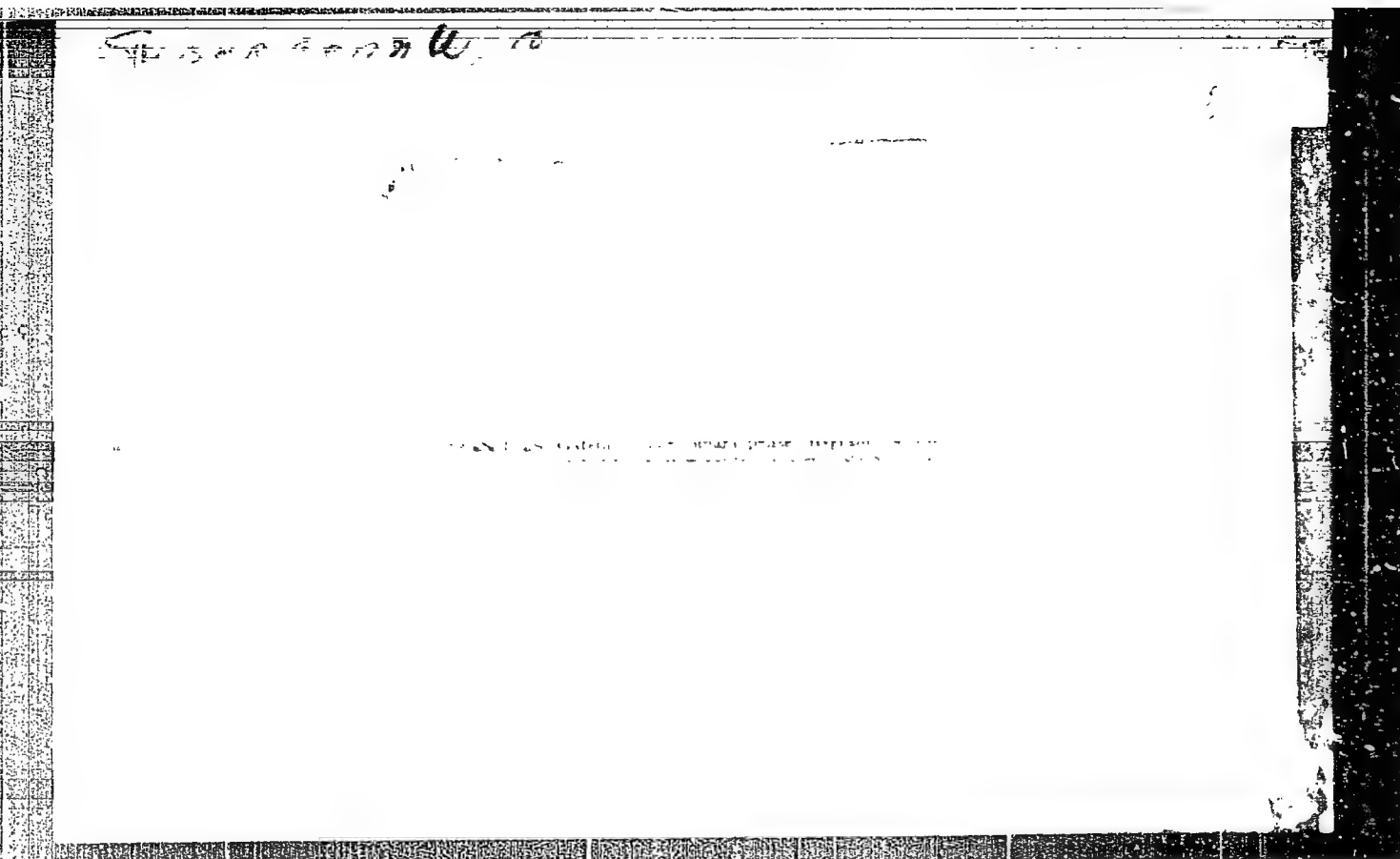
Concerning New Cobalt-bearing Mineralizations in the Southern Panat
Region. Revista Minera (Mining Journal), #10:341: Oct 55

SECRETARY, C.

Iron Ores with Scheelite Inclusions from the Eastern Banat Region.
Revista Minelor (Mining Journal), #11:349: Nov 55

"APPROVED FOR RELEASE: 08/26/2000

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SUPERCEANU, C.

RUMANIA/ Chemical Technology. Chemical Products and Their Application. Mineral salts. Oxides. Acids. Bases I-5

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12345

Author : Maieru O., Superceanu C.

Title : Ilmenite and Zircon Alluviums -- A New Source of Raw Material for the Production of Titanium

Orig Pub : Aluviunili cu ilmenit si zircon, noi surse de materii prime pentru industria produselor de titan. Rev. chim., 1956, 7, No 3, 145-147 (Rumanian; Russian and German summaries)

Abstract : Description of chemical and mineralogical characteristics of alluvial sands discovered in the South Carpathian massif and consisting essentially of FeTiO_3 , ZrSiO_4 , Fe_2O_3 , TiO_2 , garnets, apatites, etc. Total content of metal ores in the discovered sands reaches ~3%. Laboratory experiments on concentration of the sands by means of K_2HgI_4 (Sp.Gr. 3.2) have shown the possibility of

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RUMANIA/ Chemical Technology. Chemical Products and Their Application. Mineral salts. Oxides. Acids. Bases I-5
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Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12345

removing most of the components having a specific gravity of less than 3 (quartz, feldspar, etc.) and to produce in this manner various concentrates containing 17-27% Ti and 0.3-0.4% Zr. It is recommended to effect industrial concentration of the sands by means of hydrocyclones or high density media.

Card 2/2

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SUFRONANU, C.

New appearance of scheelite in contact layers from the geochemical district of
banatites. I. p. 170.

REVISTA MINELOR

Vol. 7, no. 4, Apr. 1956

Rumania

Source: EAST EUROPEAN LISTS Vol. 5, no. 10 Oct. 1956

SUFROCEANU, C.

New appearance of scheelite in contact layers from the geochemical district of banatites. II. p. 230.

REVISTA MINELOR

Vol. 7, no. 5, May 1956

Rumania

Source: EAST EUROPEAN LISTS Vol. 5, no. 10 Oct. 1956

SUPERCEANU, C.

Rare minerals in granitic pegmatites from the Banat. p. 140.

(REVISTA MINER. Vol. 8, No. 3, Mar. 1957, Bucaresti, Rumania)

SO: Monthly List of East European Accessions (FEAL) Lc. Vol. 6, No. 10, October 1957. Uncl.

Supercanu, C.

RUMANIA/Cosmochemistry, Geochemistry, Hydrochemistry

D

Abs Jour : Ref Zhur - Khiniya, No 3, 1958, No 7467

Author : C. Supercanu, O. Maieru
Inst : Not Given
Title : Raw Material Bases

Orig Pub : Rev. chim. 1957, 8, No 4, 221-227

Abstract : Mineralogical composition of alluvial deposit of the Pre-Carpathian zone of Fagarash Mountains was studied. Following minerals are described: ilmenite, zircon, rutile, titanite, magnetite, gold, chromite, apatite, disthene, sillimanite and garnets. Chemical composition of ilmenite (in %) is : TiO_2 50-52.5; FeO 40-43; MgO 1-2; MnO 0.8-1.2; Al_2O_3 0.1-0.6; Fe_2O_3 2-6.4; V_2O_5 0.0002-0.01. Chemical composition of rutile is (in %): TiO_2 95.02; $\text{FeO} + \text{Fe}_2\text{O}_3$ 3.20; Mn 0.32; Sn 0.002-0.01; Nb 0.001-0.006. Chemical composition of spessartite (in %) is: Mn 12.4; Ti 1.12; V 0.03; Al_2O_3 18.6; Fe 10.2; SiO_2 37.8. Qualitative spectrum analyses were made. The obtained same concentrates contain 40% TiO_2 and 20% ZrO_2 and can be used as ores.

Card : 1/1

SUPERMAN, C.

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12

The purities of the scheelite and of the wolframite
from the ore beds of Bait Spring C. Superman. For
analysis the samples were ground to a fine powder.

5

RUMANIA/Cosmochemistry. Geochemistry. Hydrochemistry.

D

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 73603:

Author : C. Superceanu.

Inst :

Title : Contribution to the Question of Scheelite and Wolframite
Paragenesis in the Occurrence of Complex Minerals at
Bala Sprie.

Orig Pub: Rev. minelor, 1957, 8, No 9, 399-404.

Abstract: The presence of scheelite is noted and the para-
genesis of wolframite in complex ores of Bala Sprie
is discussed in detail.

Card : 1/1

SUPERCEANU C.

COUNTRY : Romania

D

CATEGORY :

ABST. JOUR. : ROMANIAN, No. 20 1958, No. 71109

INT. AL. : Geology, G.; Mineralogy, G.; Geology, A.

TITLE : Beryllium Deposits of South Carpathians -- A Raw Material Source for Dinas Brick.

ORIG. PUB. : Rev. Minelor, 1958, 9, No 9, 410-414

ABSTRACT : The beryl-bearing massifs Semenik, Sebisk, and Pagarash, constitute a source of raw materials for the manufacture of Dinas, Siliman, and aluminum, and the recovery, as a by-product, of Ga, Ge, Ti, and In. The main rock-forming minerals are disthene (15-52%), sillimanite, kyanite, muscovite, biotite, tourmaline, quartz, microcline, plagioclase. Mineralogical characteristics and paragenetic associations of disthene, in the different deposits, are described. Chemical analyses are given. Results of qualitative spectrographic analyses: Semenik -- Al, K, Na, Cr, Ti, Ga, Fe, Mn, Mg; Sebisk -- Al, K, Na, Cr, Ti, Ga, Fe, Mn, Mg; Pagarash -- Al, K, Na, Cr, Ti, Fe, Mn, Mg. -- I. Lipova.

TITLE

Boron and Beryllium-Containing Vesuvianite in Garnet Contact Skarns in the Ciclova District in the Southwestern Banat

ORIG. PUB.

Rev Minelor, 9, No 12, 552-562, 531-532 [sic]

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653920009-6"

ABSTRACT

The skarn formations are found in the zone of granodiorite intrusions with marbles. The mineralogic composition (in %) of the skarns is as follows: grossularite 50-90, calcite 10-50, vesuvianite 5-30, alalite 1-10, wollastonite 1-5, epidote 0-5. Chemical and spectral analyses have been made of green, brown, and yellow-green vesuvianites in which the probability of substitution of SiO₂ by BeO has been established. The details of the mechanism of the contact metamorphism are discussed.

CARD: 1/1

88

G. Volkov

SUPERCEANU, C.; MAJERU, O.

New nickeliferous mineralizing in the Trasylvanian Alps. Rev min
13 no.11:515-518 N '62.

SUNTSOV, A.G., dotsent; DANILOVA, A.F.; SUPEREKO, M.V.

Congenital osteopetrosis. *Pediatrica* 38 no.12:63-68 '60.
(MIRA 14:2)

1. Iz kafedry rentgenologii (zav. - dotsent A.G. Suntsov)
i kafedry detskikh bolezney (zav. - prof. Ye.Ye. Granat)
Chelyabinskogo meditsinskogo instituta (dir. - prof. G.D.
Obraztsov).

(BONES—DISEASES)

S/135/61/000/004/010/012
A006/A101

AUTHORS: Andrianov, K. I., Supereko, O. D., Nikolayeva, L. I., Kudryavtsev
K. V. Yemel'yanenko, N. L., Engineers

TITLE: Ceramic Nozzles of the A-547r Semi-Automatic Machine for Welding
in Carbon Dioxide

PERIODICAL: Svarochnoye proizvodstvo, 1961, No. 4, pp. 37 - 38

TEXT: Welding in carbon dioxide with consumable electrode is used at the Chelyabinsk Tractor Plant for joining tractor parts on the A-547r semi-automatic machine, where the gas flow is directed by a chromeplated brass nozzle (Fig. 1), placed on the rubber housing of the burner tip. The use of this nozzle presents however, a series of deficiencies, such as short-circuits of the welding current, sticking of metal splashing to the internal nozzle surface, and short service life of the nozzle. The laboratory of mineral ceramics at the Plant developed ceramic nozzles to replace the chrome-plated brass nozzles, prepared in a metallic mold by press-forming from a ceramic mass of 12 - 14% moisture. The components of the ceramic material were dried, crushed, screened, and mixed during 8 h. The material was then wetted with water to 28 - 30% for

Card 1/4

S/135/61/000/004/010/012
A006/A101

Ceramic Nozzles of the A-547r Semi-Automatic Machine for Welding in Carbon Dioxide

seven days and then molded. The molded nozzles were dried at room temperature and roasted in an electric furnace. Ceramic nozzles of the following compositions were manufactured by the described technology:

Designation of materials	of the mass Composition in %				
	I	II	III	IV	V
Talcum chlorite	80	70	60	-	-
Refractory clay	20	30	40	15	20
Quartz	-	-	-	20	15
Fluorspar	-	-	-	30	25
Porcelain waste	-	-	-	10	35
Kaolin	-	-	-	25	5

Card2/4

S/135/61/000/004/010/012
A006/A101

Ceramic Nozzles of the A-547r Semi-Automatic Machine for Welding in Carbon Dioxide

Talcum-chlorite containing nozzles were roasted according to graph 3. Tests performed with experimental ceramic nozzles proved satisfactory. The replacing of brass nozzles by the new ceramic ones presents the following advantages; the possibility of a contact between the nozzle and the part to be welded is excluded the durability of nozzles is raised by a factor of 14 - 16; scarce chrome-plated brass is replaced by cheap ceramic material; labor consuming processes of manufacturing the nozzles are substituted by advanced press forming methods, eliminating subsequent mechanical treatment; the time of exchanging and cleaning the nozzles from metal splashings is considerably reduced. There are 1 table and 4 figures.

ASSOCIATION: Chelyabinskiy traktorny zavod (Chelyabinsk Tractor Plant)

Card 3/4

11/1/73
S/135/63/000/001/006/016
AC06/A101

AUTHORS: Supereko, O. D., Akulov, V. I., Engineers

TITLE: Semi-automatic welding in carbon dioxide at the Chelyabinsk tractor plant

PERIODICAL: Svarochnoye proizvodstvo, no. 1, 1963, 16 - 19

TEXT: Information is given on the assimilation of welding in CO₂ for tractor parts at the Chelyabinsk tractor plant. For this purpose the equipment employed has been redesigned and improved. In the A-547p (A-547r) semi-automatic machine the copper nozzle has been replaced by a ceramic nozzle and a mechanical gas valve has been mounted into the machine. The following improvements have been brought about in the design of the A-537 semi-automatic welding machine: use of a ПЕ-5 (PSh-5) type feed mechanism; mounting of a special button on the feed mechanism, preparing the machine for operation and assuring its operation during idle run; redesigning of the gas valve; redesigning of the holder (Figure 1). The gas supply to the welding machines has been centralized. Copper welding wire is now being refined in a special device where the

Card 1/2

Semi-automatic welding in...

S/135/63/000/001/006/016
A006/A101

wire is drawn through a container with a set of abrasive disks. The tests proved the possibility of using the semi-automatic method for welding frames of tractor carriages in CO_2 with 2 mm wire. The weld leg was reduced by 25 - 30% (7 - 8 mm against 9 - 10 mm in manual welding). This method reduced the consumption of welding materials and electric power and increased considerably the labor efficiency. There are 5 figures and 3 tables.

Figure 1. A holder for semi-automatic welding in CO_2 in the A-537 machine

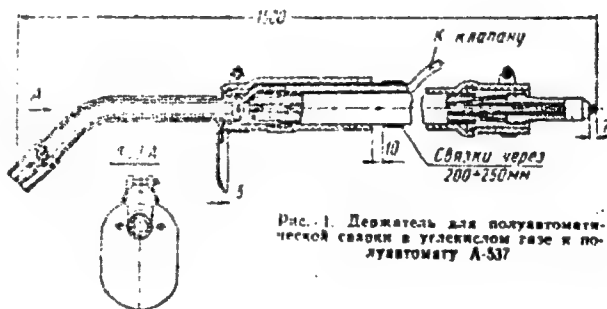


Рис. 1. Держатель для полуавтоматической сварки в углекислом газе к полуавтомату А-537

Card 2/2

116
TITLE:

All-Union Conference on the hardfacing of dies for hot and cold press-forming

PERIODICAL: Svarochnoye proizvodstvo, no. 3, 1963, 44 - 45

TEXT: The First All-Union Scientific-Technical Conference on hardfacing of dies was held at Volgograd from November 27 - 29, 1962. The Conference heard the following reports: M. T. Prosvirov (VNIIPMASH) on "Operational conditions and the type of forging dies"; L. A. Pozdnyakova (ENIKMASH) on "Problems of the durability of dies and press-forming steels"; V. A. Popov, ENIKMASH, on some structural peculiarities of carbide tools for cold extrusion and upsetting; I. I. Frumin, D. V. Danil'chenko (Institute of Electric Welding imeni Ye. O. Paton) on "Electric-slag hardfacing of some dies"; L. Kolomiets (IES imeni Ye. O. Paton) on "Reconditioning of dies by electric-slag hardfacing"; V. A. Timchenko (IES imeni Ye. O. Paton) on "A machine with program control for automatic hardfacing of forging dies"; Reports on manual arc-hardfacing of dies were delivered by N. V. Popov (Volgograd Tractor Plant), V. M. Panovko and Ye. G. Bloskin (Moscow Experimental Welding Plant); O. D. Superko (Chelyabinsk Tractor Plant), N. I. Nikolko (Ural Heavy Machinebuilding Plant), P. M. Sapov ("Rostsel-mash"), N. I. Kuzovkova (GAZ), Yu. P. Zaytsev (ENIKMASH), V. I. Il'in (ZIL), Gopovin (Khar'kov "Svet shakhtera" Plant), and others. In a decision the Conference mentioned deficiencies connected with the subject, i.e. lack of unified electrodes; of centralized production; of unified technological instructions on the hardfacing of dies; of methods for evaluating the quality of hardfaced metal, and lack of high-quality electrodes for hardfacing cast-iron dies. The Conference decided to take steps in order to eliminate the aforementioned deficiencies.

SUPERNAK, Marian, [unclear]; GRODECKI, [unclear] [unclear]

Development trends of the motorization industry in the 1964-1970 economic plan. Techn motor 14 no-17,293-297 0 '64.

1. Chief Executive of the Association of Motorization Industry, Warsaw (for Supernak). 2. Directorate for Science and Technology, Warsaw (for Grodecki).

CHYLINSKI, J., mgr inz.; PAWLOWSKI, Z.; AUGUSTYNOWICZ, A., mgr; STANISLAWSKI, J., mgr inz.; JAKUBOWSKI, B., mgr inz.; JEDRZEJEWSKI, Z., mgr inz.; SUPERNAK, M., inz.

A discussion. Techn motor 14 no.10:304-305 O '64.

1. Deputy Chairman, Committee for Science and Technology, Warsaw (for Chylinski). 2. State Automobile Communication, Warsaw (for Pawlowski). 3. Scientific Society for Organization and Administration, Warsaw (for Augustynowicz). 4. Association of Polish Mechanical Engineers and Technicians, Warsaw (for Stanislawski). 5. Association of Transportation Engineers and Technicians, Warsaw (for Jakubowski). 6. Association of Motorization Industry, Warsaw (for Supernak).

SUPERSON, Jan, Mgr

History and pharmacologic anatomy of Herba Euphrasiae. Farm. polska
10 no.12:311-313 Dec 54.

1. Zakład Farmakognozji i Uprawy Roslin Leczniczych Akademii Medycznej
w Łodzi. Kierownik: prof. dr Jan Muszynski.

(PLANTS,
Euphrasiae, pharmacol.)

SUPICA, B.

Modernization and economically more efficient management of
railroads. Medun transp 9 no.5:361-364 My '63.

SUPICA, Branislav

Transport in the 1964-1970 Plan of Economic Development of
Yugoslavia. Medun transp 9 no.8:510-512 Ag '63.

SUPICA, Branislav

Congress of the Union of Yugoslav Transport and Communication
Workers. Medun transp 9 no.12:776-780 D '63

Railroad tariffs. Ibid.:808-809

34714 4
YUGOSLAVIA/Chemical Technology - Chemical Products and Their
Application. Fermenting Industry.

H-27

Abs Jour : Ref Zhur - Khimiya, No 17, 1958, 58997

Author : Supica Milan, Lazic Sima P

Inst : -

Title : Ausbruch and Other Modern Native Sweet and Semi-Sweet
Wines.

Orig Pub : Poljopr. Vjod., 1957, 5, No 4, 17-22.

Abstract : The characteristics that distinguish the quality of
wine of the Ausbruch type and of other sweet and semi-
sweet wines of Yugoslavia are cited.

Card 1/1

YUGOSLOV/LA/Fermentation Industry.

H.

Abs Jour : Ref Zhur - Khimiya, No 19, 1958, 65785

Author : Supica Milan, Panicic Mihailo

Inst : -

Title : An Analysis of the Yugoslavian Wines Presented at the
Novosad Fair in 1957.

Orig Pub : Poljopr. Vojvod., 1958, 6, No 1, 37-44.

Abstract : Investigated were samples of wine which contained (in
g/l): extract without sugar 18.5-41.1, general acids
3.7-8.7, volatile acids 0.3-0.98, tartrate 0.4-3.2,
tannic acid 0.7-4.2, ash substances 1.47-2.87, free
SO₂ 3.84-52.48 mg/l, general SO₂ 12.8-276.48 mg/l,
alcohol 10.72-14.75%, pH 3.01-3.96.

Card 1/1

30

SUPIN, A.Ya.

Simplified design of a photostimulator for physiological research.
Nauch.dokl.vys.shkoly; biol.nauki no.2:67-68 '60. (MIRA 13:4)

1. Rekomendovana kafedroy fiziologii vysshey nervnoy deyatel'nosti
Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova.
(PHYSIOLOGICAL APPARATUS)

SUPIN, A.Ya.

Bioelectrical reaction of the visual cortex in rabbits to a single afferent stimulation under conditions of a long-term experiment. Fiziol.zhur. 47 no.2:141-147 F '61. (MIRA 14:5)

1. From the Chair of Physiology of the Higher Nervous Activity,
State University, Moscow.
(CEREBRAL CORTEX)

GUSEL'NIKOV, V.I.; SUPIN, A.Ya.

Some mechanisms of the reaction of "rhythm establishment."
Fiziol. zhur. 48 no.4:398-405 Ap '62. (MIRA 15:6)

1. From the Department of Physiology of Higher Nervous
Activity, M.V. Lomonosov University, Moscow.
(CEREBRAL CORTEX)
(ELECTROENCEPHALOGRAPHY)

SUPIN, A.Ya.

Mechanisms of the response of reorganization of the rhythm of the electroencephalogram. Report No.1: Nature of the response to a high-frequency light stimulation. Nauch.dokl.vys.shkoly; biol.nauki no.2:94-100 '63. (MIRA 16:4)

1. Rekomendovana kafedroy fiziologii vysshey nervnoy deyatel'nosti Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova.

(ELECTROENCEPHALOGRAPHY) (LIGHT—PHYSIOLOGICAL EFFECT)

SUPIN, A.Ya.

Mechanisms of the reaction of the reconstruction of electroencephalographic rhythm. Part 2: Reflection of the functional state of the cerebral cortex within the parameters of the response. Nauch. dokl. vys. shkoly; biol. nauki no.3:69-74 '63. (MIRA 16:9)

1. Rekomendovana kafedroy fiziologii vysshey nervnoy deyatel'nosti Moskovskogo gosudarstvennogo universiteta im. M.V.Lmonosova.
(Electroencephalography)

GUSEL'NIKOV, V.I.; SUPIN, A.Ya.

Representation of the visual and auditory analyzers in the
forebrain hemispheres of a lizard. Fiziol. zhur. 49 no.8:
919-927 Ag '63. (MIRA 17:2)

1. From the Department of Physiology of Higher Nervous
Activity, Lomonosov University, Moscow.

SUPIN, A.Ya.

Mechanisms of the response of α /2Hz change in the electro-
encephalogram. Part 3: Analysis of the harmonics and subharmonics
of the response. Nauch. dokl. vys. shkoly; biol. nauki no.1:
68-72 '64. (MIRA 17:4)

1. Rekomendovana kafedroy fiziologii vysshey nervnoy deyatel'nosti
Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova.

SUPIN, A.Ya.

Analysis of the interaction of evoked potentials and background
bioelectrical activity of the cerebral cortex in rabbits. Zhur.vys.
nerv.dielat. 14 no.6:1057-1068 N.D '64.

(MIRA 18:6)

1. Kafedra fiziologii vysshey nervnoy deyatel'nosti i laboratoriya
bioniki biologu-pochvennogo fakul'teta Moskovskogo gosudarstvennogo
universiteta im. M.V.Lomonosova.

SELENIKOV, Vladimir Ivanovich; SUPIN, A.Ya., red.

[Electrophysiological study of analyzer systems in the
phylogeny of vertebrates] Elektrofiziologicheskoe is-
sledovanie analizatornykh sistem v filogeneze pozvonoch-
nykh. Moskva, Izd-vo Mosk. univ., 1965. 266 p.
(MIRA 18:6)

GUSEL'NIKOV, V.I.; SUPIN, A.Ya.

Representation of somatic sensory and olfactory receptors in
the forebrain hemispheres of the lizard (*Agama caucasica*).
Fiziol. zhur. 50 no.2:129-137 F '64. (MIRA 18:2)

1. Kafedra fiziologii vysshey nervnoy deyatel'nosti Moskovskogo
gosudarstvennogo universiteta imeni M.V. Lomonosova.

SUFIN, A.Ya.; GUGEL'NIKOV, V.I.

Demonstration of the visual, acoustic and scmato-sensory analyzers
in the hemispheres of the anterior brain of frogs (*Rana temporaria*).
Fiziol.zhur. 50 no.4:428-431 Ap '64. (MIRA 18:4)

1. Kafedra fiziologii vysshey nervnoy deyatel'nosti Moskovskogo
gosudarstvennogo universiteta imeni Lomonosova.

5(2)

SOV/80-32-3-2/43

AUTHOR: Supin, G.S.

TITLE: Dissolution of Monocrystalline Germanium in Hydrogen Peroxide
(Rastvoreniye monokristallicheskogo germaniya v perekisi vo-
doroda)

PERIODICAL: Zhurnal prikladnoy khimii, 1959, Vol XXXII, Nr 3, pp 478-481
(USSR)

ABSTRACT: Germanium crystals for semiconductors are damaged by cutting. The damaged surface is equalized by chemical etching, i.e., by dissolving in hydrogen peroxide solution. Experiments have shown that at a pH-value of 4 - 5 the dissolution rate is 1.3 μ /min, at pH 7 - 8 it is 3.3 to 3.6 μ /min. The concentration of the peroxide may vary in the range of 7 - 30% without noticeable effect. The formed germanium dioxide passes into solution. It is probable that the dissolution rate of germanium is limited by the transition of germanium dioxide into solution. The loss of weight in a germanium crystal may be used to determine its aver-

Card 1/2

SOV/80-32-3-2/43

Dissolution of Monocrystalline Germanium in Hydrogen Peroxide

age surface which has undergone etching, if it is of irregular geometric shape.
There is 1 graph. and 2 references, 1 of which is Soviet and 1 American.

SUBMITTED: September 2, 1957.

Card 2/2

B0602

S/138/60/000/01/10/010

5.5400

AUTHOR:

Supin, G.S.

TITLE:

Polarographic Determination of Sodium in Rubber

PERIODICAL:

Kauchuk i Rezina, 1960, No. 1, pp. 54 - 57

TEXT:

In the course of coagulation of latex of butadiene-styrene rubber by means of sodium chloride, certain quantities of the latter remain in the polymer and have an influence on the vulcanized product. The polarographic method developed for the determination of sodium permits conclusions to be drawn on the sodium content in the final polymer and on the elimination of water-soluble admixtures by washing, i.e. on the quality and the uniformity of the rubber. Polarographic analysis is suitable for the determination of low sodium concentrations (0.3-0.03%) in the rubber. A visual M8-2000 polarograph, produced in the workshop of the Institute of Chemistry of the Gor'kiy State University, and a M21-1 galvanometer with a sensitivity of $6 \cdot 10^{-10}$ a/mm.m was used in the analysis. Tetramethylammonium iodide $(\text{CH}_3)_4\text{NI}$ was used as polarographic background in neutral solutions not containing aluminum, alkali-earth and heavy metals. In the presence of these metals in alkaline background, viz. the base of tetramethylammonium $(\text{CH}_3)_4\text{NOH}$, is employed.

Card 1/2

80602

Polarographic Determination of Sodium in Rubber

S/138/60/000/01/10/010

The polarographic background containing the salt and the base can be obtained by electrolysis of a tetramethylammonium iodide solution. An installation for this purpose is described (Figure 2). It is fed from a 7-9 v storage cell battery. The current intensity is 0.12-0.30 a, the resistance of the rheostat 30-50 ohm. It was shown that within the concentration range of 10^{-4} - 10^{-2} n a linear dependence between the content of the alkali metal and the height of the polarographic wave is observed. The calibration graph is plotted by using polarographic solutions with additions of orthophosphoric acid and magnesium salt. The polarographic analysis described (leaching out of the ashes and plotting of the curves) lasts 1.5-2 hours. There are 2 tables, 2 diagrams, 4 graphs, and 5 references: 4 Soviet and 1 English. ✓

ASSOCIATION: Nauchno-issledovatel'skiy institut shinnoy promyshlennosti (Scientific Research Institute of the Tire Industry)

Card 2/2

S/119/60/000/008/006/008
B019/B056

AUTHOR: Supin, G. S., Engineer

TITLE: A New Fusing Agent for Soldering⁸ by Means of Soft Solders
(Hydrazine Hydrochloride)

PERIODICAL: Priborostroyeniye, 1960, No. 8, p. 19

TEXT: Besides other properties of hydrazine hydrochloride ($(\text{NH}_2 \cdot \text{NH}_2)2\text{HCl}$), its good solubility in water and alcohol is stressed by way of introduction. In soldering it decomposes into hydrazine and HCl , and these two decomposition products as well as hydrazine hydrochloride itself have a strong reducing power, so that they keep the metal surface free from oxides. Solutions of hydrazine hydrochloride in water (5-7%) have excellent properties as fusing agents and may be used when soldering iron and nickel parts, galvanized, chromium-plated, tinned, and copper-plated parts. It can therefore substitute zinc chloride, which has certain corrosive properties. Two recipes are given for the preparation of this fusing agent from hydrazine hydrochloride and hydrazine sulfate ($(\text{NH}_2 \cdot \text{NH}_2) \text{H}_2\text{SO}_4$). ✓

Card 1/1

SUPIN, G.S.

Solubility of tetramethylammonium iodide in the presence of a
tetramethylammonium base. Zhur. prikl. khim. 33 no.8:1903-1904 Ag
'60. (MIRA 13:9)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.
(Ammonium compounds)

SUPIN, G.S.

Electrolysis of a tetramethylammonium iodide solution. Zhur, fiz.
khim. 34 no.4:925-927 Ap '60. (MIRA 14:5)

1. Institut shinnoy promyshlennosti.
(Ammonium compounds)

SUPIN, G.S.

Purification of certain quaternary ammonium compounds used in
polarography. Zhur.anal.khim. 16 no.3:359-361 My-Je '61.
(MIRA 14:6)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti
Moskva.

(Ammonium compounds)
(Polarography)

SUPIN, G.S.

Triethylbenzyl ammonium chloride as a polarographic background for
the negative potential range. Zhur.anal.khim. 17 no.2:258-259
Mr-Apr '62. (MIRA 15:4)

1. Scientific Research Institute of Tire Industry, Moscow.
(Ammonium compounds) (Polarography)

1. 10. 1979.

Outline as the criteria for polarizing in the extreme
region of negative potentials. Zhur. anal. khim. 12 no.2:
278-279 F 163. (MIRA 17:10)

1. Scientific-Research Institute of Tire Industry, Moscow.

SUPIN, S.S.

Certain features of the polarography of alkali metal ions
in aqueous and aqueous-ethyl alcohol media. Zhur. anal.
khim. 18 no.3:318-322 M-'63. (MIRA 17:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh
reaktivov i osobochistykh veshchestv, Moskva.

AUTHOR: Supin, V.V., Engineer SOV/28-58-5-26/37

TITLE: Comments on the Drawing-up of Blueprints (Zamechaniya po oformleniyu chertezhey)

PERIODICAL: Standartizatsiya, 1958, Nr 5, p 71 (USSR)

ABSTRACT: In the author's opinion both the construction bureaus and the various sub-departments of a plant should adhere rigidly to the standards for drafting practice in drawing up technical plans and blueprints. Defects are indicated in both the present, effective standard form of extended specification (GOST 5293-50) and in the form envisaged by the drafting practice system project. This latter form

Card 1/2

SOV/28-58-5-26/37

Comments on the Drawing-up of Blueprints

of extended industrial specification has been on trial in the Bryansk Machine Construction Plant and has shown good results. Some minor improvements are suggested.

ASSOCIATION: Bryanskiy mashinostroitel'nyy zavod (Bryansk Machine Construction Plant)

1. Drafting--Standards

Card 2/2

SUPIN, V.V., inzh. (Bryansk)

What hampers the serial production of isothermal cars with
machine cooling. Zhel. dor. tranzp. 45 no.5:51-53 My '63.
(MIRA 16:10)

1. Glavnyy konstruktor Bryanskogo mashinostroitel'nogo zavoda.

KIELCZEWSKI, Wladyslaw; SUPINSKI, Janusz

Determination of microgram amounts of cobalt by the paper impregnation method. Chem anal 8 no.1:59-62 '63.

1. Department of General Chemistry, School of Agriculture, Poznan.

SUPINSKIY, V., deputat Oktyabr'skogo raysoвета Kiyeva

Readers' suggestions. Fin.SSSR 20 no.3:76 Nr '59.
(MIRA 12:7)

(Kiev--Housing)
(Transportation, Automotive--Finance)

DURK, I.

"Improving organization and planning in our factories." Elektrotechnik, Praha,
Vol. 9, No. 2, Feb. 1954, p. 33.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

SUPKA, Ladislav, inz.

For higher efficiency of Czechoslovak machinery export. Tech
praca 16 no.3:165-168 Mr '64.

1. Zavody V.I.Lenina, Plzen.

LEVITSKAYA, L.A., SHISHKINA, I.D., KONDRAT'YEVA, N.I., SUPKO, N.S.

Hematological factors in artificial circulation [with summary in English]
Eksper.khir. 3 no.3:42-47 My-Je '58 (MIRA 11:8)

1. Iz nauchno-issledovatel'skogo instituta eksperimental'noy
khirurgicheskoy apparatury i instrumentov (dir. M.G. Anan'yev)
Ministerstva zdoravookhraneniya SSSR.

(HEART, artif.

extracorporeal circ., eff. of heparin & protamine sulfate
on blood coagulation (Rus))

(HEPARIN, eff.

on blood coagulation in extracorporeal circ. in open heart
surg. (Rus))

(PROTAMINES, eff.

sulfate, on blood coagulation in extracorporeal circ.
in open heart surg. (Rus))

(BLOOD COAGULATION, eff. of drugs on

in extracorporeal circ. in open heart surg. (Rus))

ANAN'YEV, M.G.; VAYNRIB, Ye.A.; CORBOVITSKIY, Ye.B.; KOZLOV, Yu.G.;
KASHCHEVSKAYA, L.A.; LEVITSKAYA, L.A.; GOL'DINA, B.G.; SUPKO,
N.S.; IVANOVA, L.N.; UNIK, V.I.

"Artificial kidney" apparatus built by the Research Institute for
Experimental Surgical Apparatus and Instruments and the results of
using it in an experiment. Trudy NIIKHAI no.5:168-173 '61.

(MIRA 15:8)

1. Nauchno-issledovatel'skiy institut eksperimental'noy khirurgi-
cheskoy apparatury i instrumentov.

(ARTIFICIAL KIDNEY)

ANAN'YEV, M.G.; GOREOVITSKIY, Ye.B.; KOZLOV, Yu.G.; GOL'DINA, B.G.;
KASHCHEVSKAYA, L.A.; LEVITSKAYA, L.A.; IVANOVA, L.N.; SUPKO,
N.S.; TKACHENKO, A.S.; UNIK, V.I.

Study of and experience in the use of the Soviet artificial
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